



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## HK3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00003101-T02

規格 : [ 100 uL ]

[List All](#)

### Specification

**Transfected Cell Line:** 293T

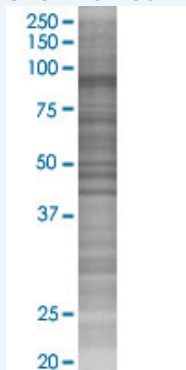
**Plasmid:** pCMV-HK3 full-length

**Host:** Human

**Theoretical MW (kDa):** 99

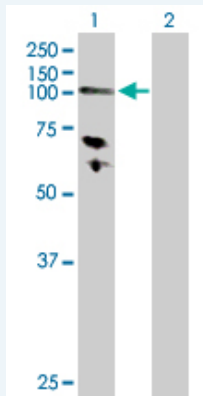
**Quality Control Testing:** Transient overexpression cell lysate was tested with Anti-HK3 antibody (H00003101-D01P) by Western Blots.

#### SDS-PAGE Gel



HK3 transfected lysate.

#### Western Blot



Lane 1: HK3 transfected lysate ( 99.00 KDa)

Lane 2: Non-transfected lysate.

**Storage Buffer:** 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**MSDS:**  [Download](#)

### Applications

## Western Blot

### Gene Information

Entrez GeneID: [3101](#)

GeneBank [BC028129.1](#)  
Accession#:

Protein [AAH28129.1](#)  
Accession#:

Gene Name: HK3

Gene Alias: HKIII,HXK3

Gene Description: hexokinase 3 (white cell)

Omim ID: [142570](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** Hexokinases phosphorylate glucose to produce glucose-6-phosphate, the first step in most glucose metabolism pathways. This gene encodes hexokinase 3. Similar to hexokinases 1 and 2, this allosteric enzyme is inhibited by its product glucose-6-phosphate. [provided by RefSeq]

Other Designations: ATP:D-hexose 6-phosphotransferase,hexokinase 3

### Gene Pathway

[Amino sugar and nucleotide sugar metabolism](#)  
[Biosynthesis of alkaloids derived from histidine and purine](#)  
[Biosynthesis of alkaloids derived from ornithine, lysine and nicotinic acid](#)  
[Biosynthesis of alkaloids derived from shikimate pathway](#)  
[Biosynthesis of alkaloids derived from terpenoid and polyketide](#)  
[Biosynthesis of phenylpropanoids](#) [Biosynthesis of plant hormones](#)  
[Biosynthesis of terpenoids and steroids](#) [Fructose and mannose metabolism](#)  
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